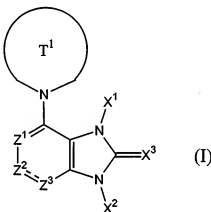


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound represented by the ~~general~~ formula (I), or a salt ~~or a hydrate~~ thereof,



[wherein,

T¹ is a piperazin-1-yl group, a 3-amino-piperidin-1-yl group, or a 3-methylamino-piperidin-1-yl group;

X³ denotes an oxygen atom[,] ~~or a~~ sulfur atom, ~~or a group of the formula~~



X⁴ denotes a hydrogen atom, a C₁₋₆ alkyl group which may have substituents, a C₃₋₈ cycloalkyl group which may have substituents, or a C₆₋₁₀ aryl C₁₋₆ alkyl group which may have substituents;

X¹ denotes a C₁₋₆ alkyl group which may have substituents, a C₂₋₆ alkenyl group which may have substituents, a C₂₋₆ alkynyl group which may have substituents, a C₆₋₁₀ aryl group which may have substituents, a 5 to 10-membered heteroaryl group which may have substituents, a C₆₋₁₀ aryl C₁₋₆ alkyl group which may have

substituents, or a 5 to 10-membered heteroaryl C₁₋₆ alkyl group which may have substituents;

Z¹ denotes a nitrogen atom, ~~or a group of the formula -CR³=;~~

Z² and Z³ ~~each independently denote~~ denotes a nitrogen atom; a group of the formula -

CR¹=, ~~a carbonyl group, or a group of the formula -NR³- and Z³ denotes a~~
nitrogen atom;

in formula (I), the following formula



denotes a double bond ~~or a single bond;~~

in formula (I), when the following formula



~~denotes a double bond, Z² and Z³ each independently denote a nitrogen atom or a group of the formula -CR¹=;~~

R¹, R², R³, and X² each independently denote a hydrogen atom, a 4 to 8-membered heterocyclic group which may have substituents, or a group represented by the formula -A⁰-A¹-A²;

A⁰ denotes a single bond, or a C₁₋₆ alkylene group that may have 1 to 3 substituents selected from the following substituent group A;

A¹ denotes a single bond, oxygen atom, sulfur atom, a sulfinyl group, a sulfonyl group, a carbonyl group, a group of the formula -O-CO-, a group of the formula -CO-O-, a group of the formula -NR^A-, a group of the formula -CO-NR^A-, a group of the formula NR^A-CO-, a group of the formula -SO₂-NR^A-, or a group of the formula -NR^A-SO₂-;

A² and R^A each independently denote a hydrogen atom, a cyano group, a C₁₋₆ alkyl group, a C₃₋₈ cycloalkyl group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl

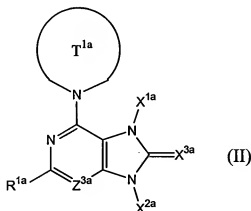
group, a C₆₋₁₀ aryl group, a 5 to 10-membered heteroaryl group, a 4 to 8-membered heterocyclic group, or a C₆₋₁₀ aryl C₁₋₆ alkyl group;

however, A² and R^A each independently may have 1 to 3 substituents selected from the substituent group A described below:

<Substituent group A>

substituent group A refers to a group consisting of: a hydroxyl group, a mercapto group, a cyano group, a halogen atom, a C₁₋₆ alkyl group, a C₃₋₈ cycloalkyl group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₆₋₁₀ aryl group, a 5 to 10-membered heteroaryl group, a 4 to 8-membered heterocyclic group, a C₁₋₆ alkoxy group, a C₁₋₆ alkylthio group, a group of the formula -NR^{B4}-R^{B5} (where R^{B4} and R^{B5} denote hydrogen atoms or C₁₋₆ alkyl groups), a group of the formula -CO-R^{B6} (where R^{B6} denotes a 1-pyrrolidinyl group, a 1-morpholinyl group, a 1-piperazinyl group, or a 1-piperidyl group), and a group of the formula -CO-R^B-R^{B2} (where R^B denotes a single bond, an oxygen atom, or a group represented by the formula -NR^{B3}-; R^{B2} and R^{B3} each independently denote a hydrogen atom, a C₁₋₆ alkyl group, a C₃₋₈ cycloalkyl group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₆₋₁₀ aryl group, a 5 to 10-membered heteroaryl group, a C₆₋₁₀ aryl C₁₋₆ alkyl group, or a 5 to 10-membered heteroaryl C₁₋₆ alkyl group)].

2. (Currently Amended) A compound represented by the general formula (II), or a salt or a hydrate thereof,



[wherein,

Z^{3a} denotes a nitrogen atom ~~or a group of the formula $-CR^{2a}=$;~~

X^{3a} denotes an oxygen atom or a sulfur atom;

T^{1a} is a piperazin-1-yl group, a 3-amino-piperidin-1-yl group, or a 3-methylamino-piperidin-1-yl group;

X^{1a} denotes a hydrogen atom, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, or a benzyl group;

R^{1a} and R^{2a} ~~each independently denote~~ ~~denotes~~ a hydrogen atom, a C_{1-6} alkyl group, a cyano group, or a group represented by the formula $-A^{0a}-A^{1a}$;

A^{0a} denotes an oxygen atom, a sulfur atom, or a group represented by the formula $-NA^{2a}$;

A^{1a} denotes a hydrogen atom, a C_{1-6} alkyl group, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, a phenyl group, a cyanophenyl group, a carbamoylphenyl group, a benzyl group, a pyridylmethyl group, or a pyridyl group;

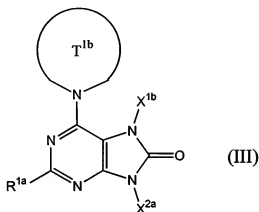
A^{2a} denotes a hydrogen atom, or a C_{1-6} alkyl group;

X^{2a} denotes a hydrogen atom, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, a cyclohexenyl group, a 1H-pyridin-2-on-yl group, a 1-methyl-1H-pyridin-2-on-yl group, a C_{1-6} alkyl group that may have a group selected from substituent group B described below, a phenyl group that may have a group selected from substituent group B described below, a 5 or 6-membered heteroaryl group that may have a group selected from substituent group B described below, a phenyl C_{1-6} alkyl group that may have a group selected from substituent group B described below, or a pyridyl C_{1-6} alkyl group that may have a group selected from substituent group B described below:

<Substituent group B>

substituent group B refers to a group consisting of a chlorine atom, a bromine atom, a cyano group, a C_{1-6} alkyl group, a C_{2-6} alkenyl group, a C_{2-6} alkynyl group, a C_{3-8} cycloalkyl group, a C_{1-6} alkoxy group, a carbamoyl group, a carboxyl group, and a C_{1-6} alkoxycarbonyl group].

3. (Currently Amended) A compound represented by the general formula (III), or a salt or a hydrate thereof,



[wherein,

T^{1b} stands for a piperazin-1-yl group, a 3-amino-piperidin-1-yl group, or a 3-methylamino-piperidin-1-yl group;

X^{1b} denotes a 2-pentynyl group, a 2-butyryl group, a 3-methyl-2-butenyl group, a 2-butenyl group, or a benzyl group; and

R^{1a} and X^{2a} have the same meaning as R^{1a} and X^{2a} of claim 2 defined above].

4. (Currently Amended) The compound of claim 2 or 3, or a salt or a hydrate thereof, wherein R^{1a} is a hydrogen atom, a chlorine atom, a cyano group, a methoxy group, an ethoxy group, an i-propyloxy group, a methylthio group, an allyloxy group, a 2-butyryloxy group, a phenyloxy group, a cyanophenyloxy group, a carbamoylphenyloxy group, a phenylmethyloxy group, a (phenylmethyl)amino group, a pyridylmethyloxy group, a pyridyloxy group, an amino group, a methylamino group, a dimethylamino group, or a diethylamino group.

5. (Currently Amended) The compound of claim 2 or 3, or a salt or a hydrate thereof, wherein R^{1a} is a hydrogen atom, a methoxy group, an ethoxy group, an i-propyloxy group, a 2-cyanophenyloxy group, or a 2-carbamoylphenyloxy group.

6. (Currently Amended) The compound of claim 2 or 3, or a salt or a hydrate thereof, wherein X^{2a} is a hydrogen atom, a methyl group, an ethyl group, an n-propyl group, a 2-

methylpropyl group, a group represented by the formula $-\text{CH}_2-\text{R}^{10}$ (where R^{10} denotes a carbamoyl group, a carboxyl group, a methoxycarbonyl group, a cyano group, a cyclopropyl group, or a methoxy group), a 3-cyanopropyl group, an allyl group, a 2-propionyl group, a 2-butynyl group, a 2-methyl-2-propenyl group, a 2-cyclohexynyl group, a chloropyridyl group, a methoxypyridyl group, a methoxypyrimidyl group, a pyridyl group, a furyl group, a thienyl group, a pyridylmethyl group, a 1H-pyridin-2-on-5-yl group, a 1-methyl-1H-pyridin-2-on-5-yl group, a phenyl group that may have a group selected from substituent group Y described below, a benzyl group that may have a group selected from substituent group Y described below, or a phenethyl group that may have a group selected from substituent group Y described below:

substituent group Y is a group consisting of: a chlorine atom, a bromine atom, a methoxy group, a cyano group, a vinyl group, and a methyl group.

7. (Currently Amended) The compound of claim 2 or 3, a salt thereof, ~~or a hydrate thereof~~, wherein X^{2a} is a methyl group, n-propyl group, allyl group, 2-propynyl group, 2-butynyl group, cyclopropylmethyl group, phenyl group, 3-pyridyl group, 3-furyl group, 3-thienyl group, 2-methoxy-5-pyrimidinyl group, 2-methoxy-5-pyridyl group, 2-chloro-4-pyridyl group, or 1H-pyridin-2-on-5-yl group.

8-9. (Cancelled)

10. (Currently Amended) A pharmaceutical composition comprising the compound of claim 1, or a salt thereof, ~~or a hydrate thereof~~, and an adjuvant for formulation.

11-17. (Cancelled)